

DATA INSTRUMENTS COMPANY
16611 ROSCOE PLACE • SEPULVEDA, CALIFORNIA • 91343



B
T NELSON
BOX 3
SCHOOLLEYS MOUNTAIN
NJ 07870
ANOTHER **Datamation** READER INQUIRY
PROD

DATA INSTRUMENTS COMPANY
16611 ROSCOE PLACE • SEPULVEDA, CALIFORNIA • 91343

May 19, 1970

Mr. T. Nelson
Systems Consultant
Box 3
Schooleys Mountain
NJ 07870

Dear Mr. Nelson:

The enclosed Data Sheet is a further description for you of the Data Instruments Company Automatic Cassette Changer which is being made available on an OEM basis.

This device is part of a family of cassette handling equipment developed by Data Instruments Company for use in its own DATAPLEX* business system which is presently in full production and being used in the field in a wide variety of data handling applications. It is the first equipment of its kind, we feel, designed to operate reliably within the disciplines of an EDP environment.

Prices for the automatic changer, on an OEM basis, are as follows: one to ninety-nine, \$995; in large OEM quantities the price drops to \$696. Price includes complete mechanical changer and control electronics, less read/write electronics and magnetic head. Evaluation units are available immediately, and production quantities within 60 days ARO.

A companion incremental digital recorder is also available which is used in the DATAPLEX system to provide input data to the changer, from remote typewriters.

Please do not hesitate to contact me directly for further information.

Sincerely,



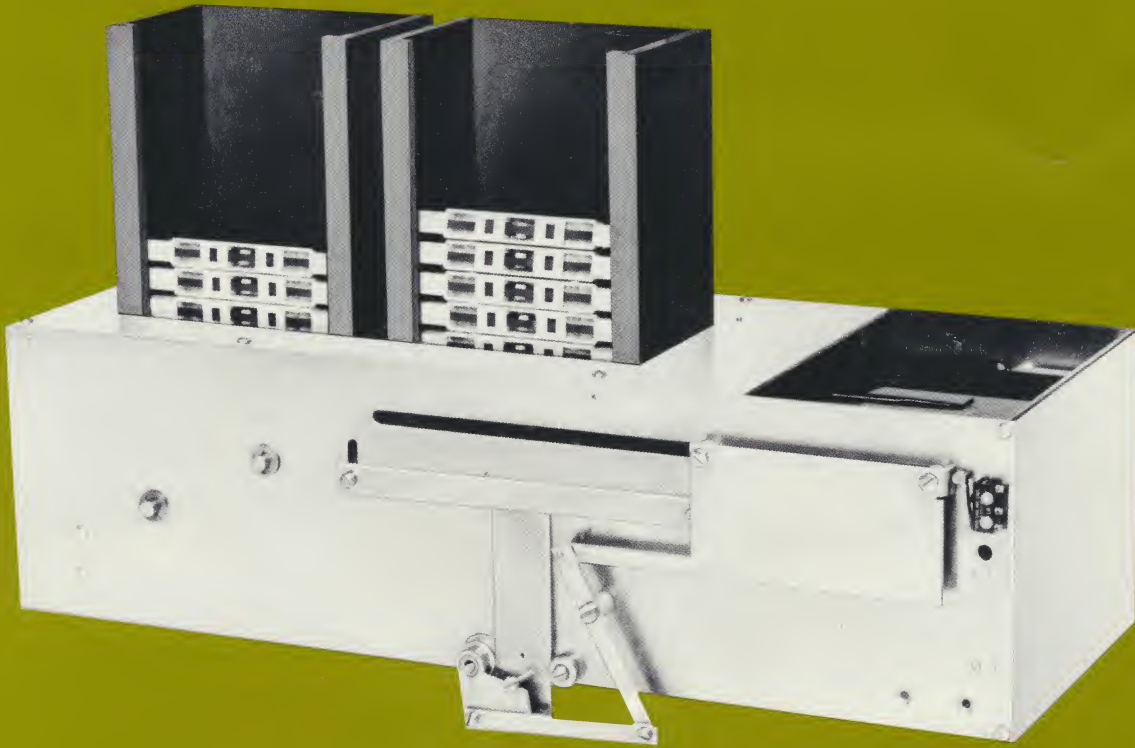
Ellsworth Hill
Director of Sales

sg

Enclosure

* Trademark

Automatic Magnetic Tape Cassette Changer



Now, for the first time, an automatic tape cassette changer, designed and built to meet the rigid requirements of an EDP environment, is available to original equipment manufacturers.

Originally designed as an integral part of the DATAPLEX™ System, the cassette changer is the only unit of its kind with the operational features and rugged construction that suit it specifically for the computer-oriented OEM. The Data Instruments changer is ideal for data processing equipment utilizing tape cassettes, with the requirement for high data reliability at reasonable cost.

All EIA Type CP-2 and similar tape cassettes can be handled. Data is read serially at speeds from 1 7/8 ips. to 20 ips., as specified

by the customer, in both read and write modes. Operation can be controlled by external commands, or with manual controls which include: rewind, load, on-line, fast forward and reject.

The input stacking hopper accepts up to ten cassettes. As each cassette is read, it moves automatically into the output stacker, which also accepts ten cassettes. The next cassette then moves into the read/write position. A rewind may then be performed at this time. Start/stop times make it possible to read a single record at a time. The cassette change cycle is performed in ten seconds. Fast forward or rewind time for a full 300 ft. cassette is 60 seconds. The basic tape drive utilizes a single capstan drive.



DATA INSTRUMENTS COMPANY
16611 ROSCOE PLACE • SEPULVEDA, CALIFORNIA • 91343

SPECIFICATIONS

Loading Bin Capacity: 10 cassettes.

Reject Bin Capacity: 10 cassettes.

Cassette Tape Speed: 1 7/8 to 20 ips.

Incrementer Start Time: .010 sec.

Incrementer Stop Time: .015 sec.

Tape Drive: Single capstan and pinch roller.

Fast Forward Time: 60 sec. for 300 ft. cassette.

Rewind Time: 60 sec. for 300 ft. cassette.

Reject-Loading Cycle Time: 10 sec.

Control Signals

Required: Load Instruction, 24 VAC, 1 amp.

Head Solenoid, -24 VDC.

Incrementer, +24 VDC.

Reject Instruction, 24 VAC, 1 amp.

Rewind, 24 VAC, 40W.

Fast Forward, +24 VAC, 40W.

Signals Available

Load Complete

Reject Complete

Cassette in Place

End of Tape

12.4 lbs.

Weight

Power Requirements

Operating Motor

24 VAC, 60 Hz., 1 Amp.

Capstan Motor

24 VAC, 60 Hz., 20-40 W.

Capacitor

16 mfd., 50 VAC, NP Electrolytic

Reel Motors

24 VAC, 60 Hz., 40 W.

(separate motor for forward and rewind)

Capacitors

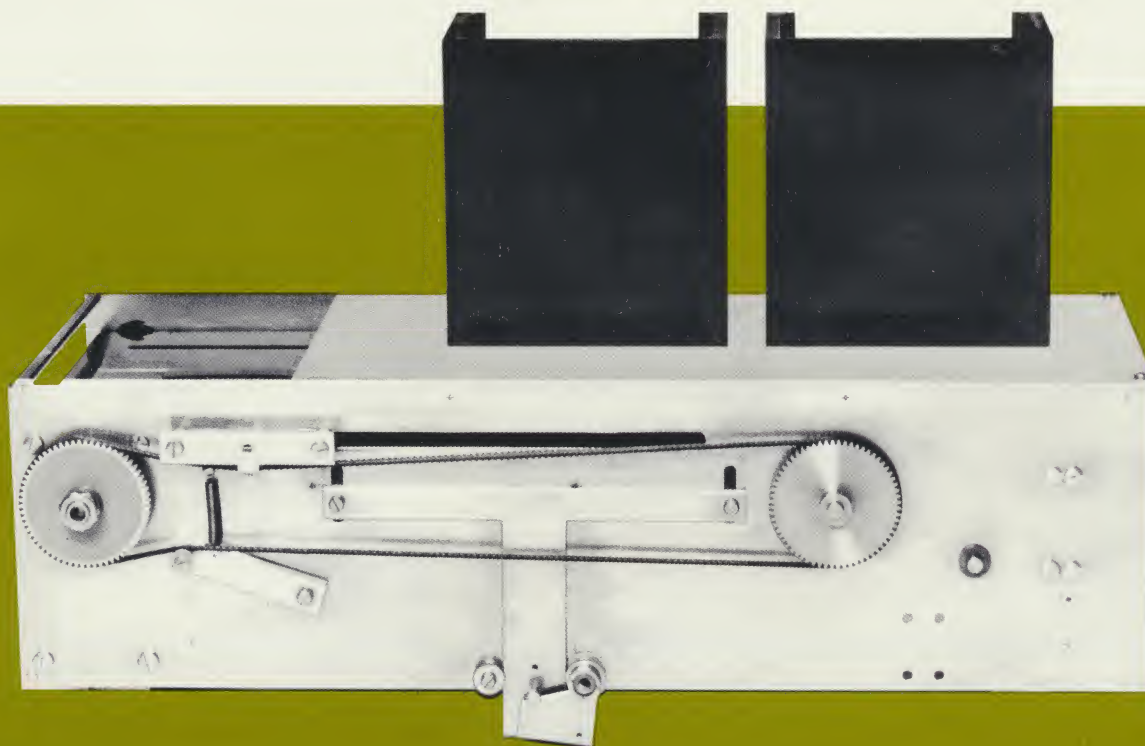
35 mfd., 50 VAC, NP Electrolytic

Head Solenoid

24 VDC, 4.5 W.

Incrementer Solenoid

24 VDC, 5.3 W.



DATA INSTRUMENTS COMPANY
16611 ROSCOE PLACE • SEPULVEDA, CALIFORNIA • 91343